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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Monteiro et al.

Serial No.: 09/110,369

Group Art Unit: 2414

Filed: July 6, 1998

Examiner: T. Peeso

For: MULTICASTING METHOD AND APPARATUS Attorney Docket No.: 8850-005

SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents
BOX ISSUE FEE
Washington, D.C. 20231

Sir:

In response to the Notice of Allowance dated December 21, 1998, applicants submit herewith twenty-three sheets of formal drawings (Figs. 1-19) for this application.

No fee is believed to be due for the submission of these drawings. Should any fees be required, please charge such fees to Pennie & Edmonds LLP deposit account no. 16-1150.

Respectfully submitted,

ANDREW SANDERS
REG. NO. 40,433

Date March 22, 1999

For FRANCIS E. MORRIS 24,616

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Enclosure

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FIGURE 1

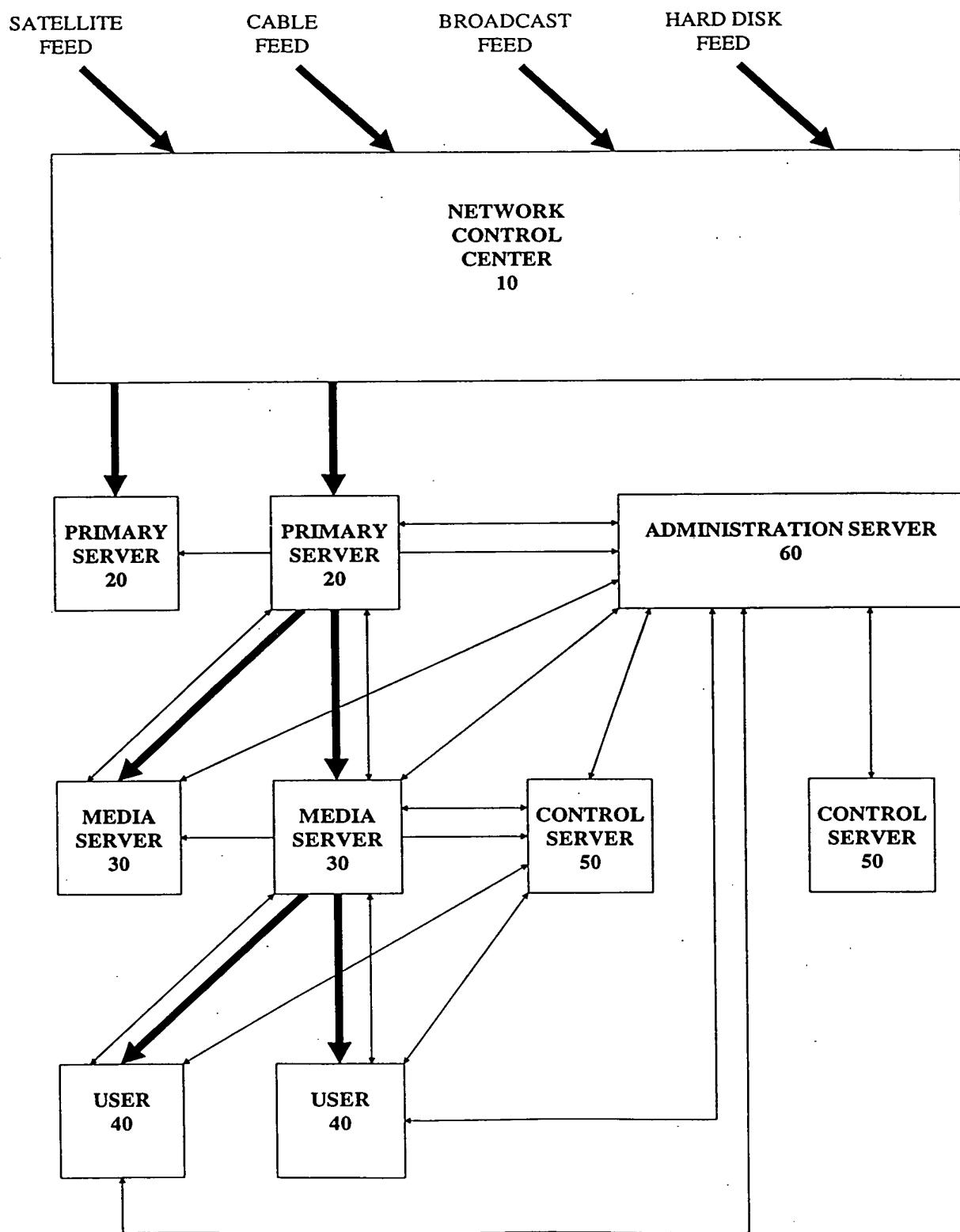


FIGURE 2

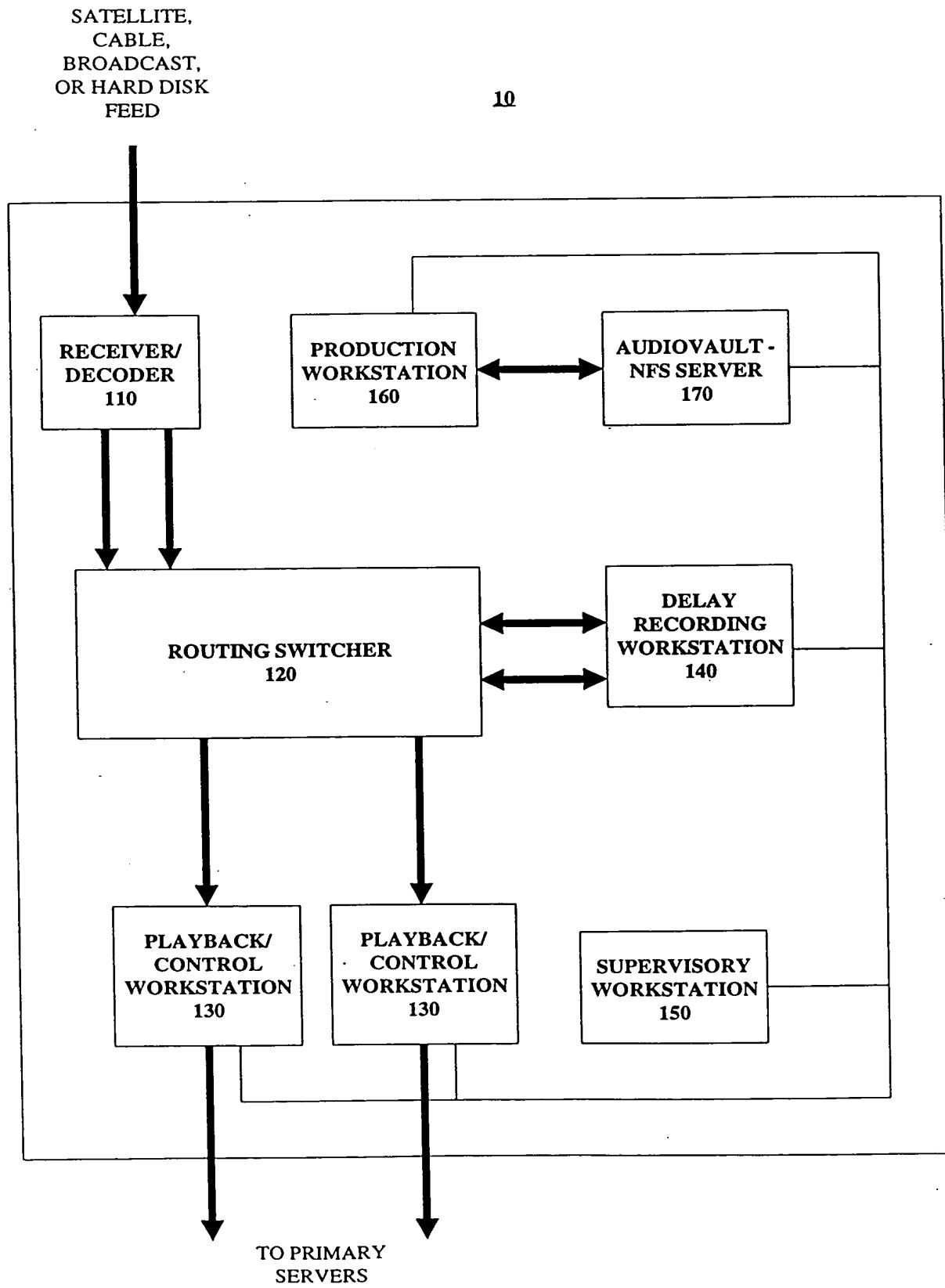


FIGURE 3

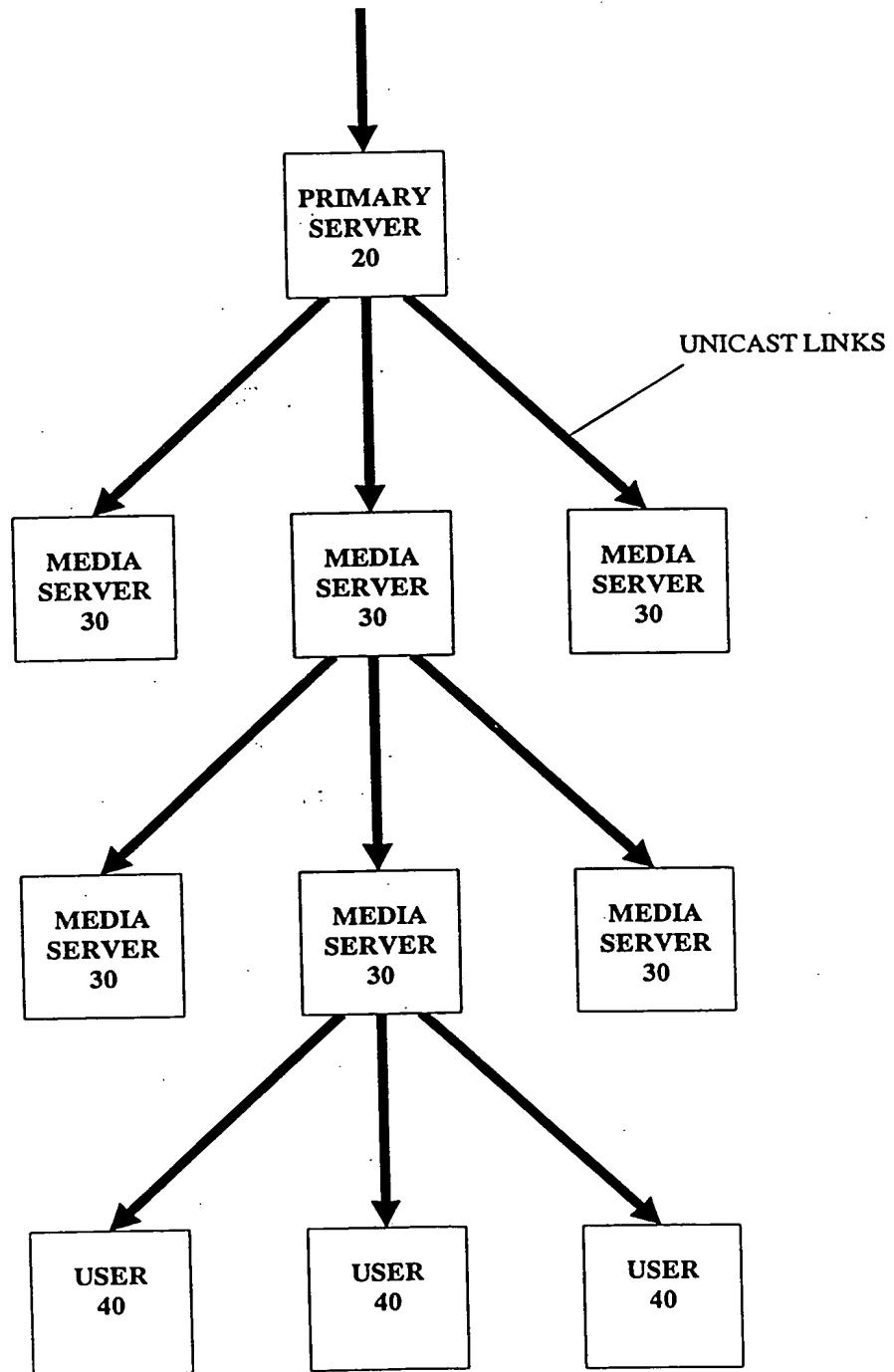


FIGURE 4

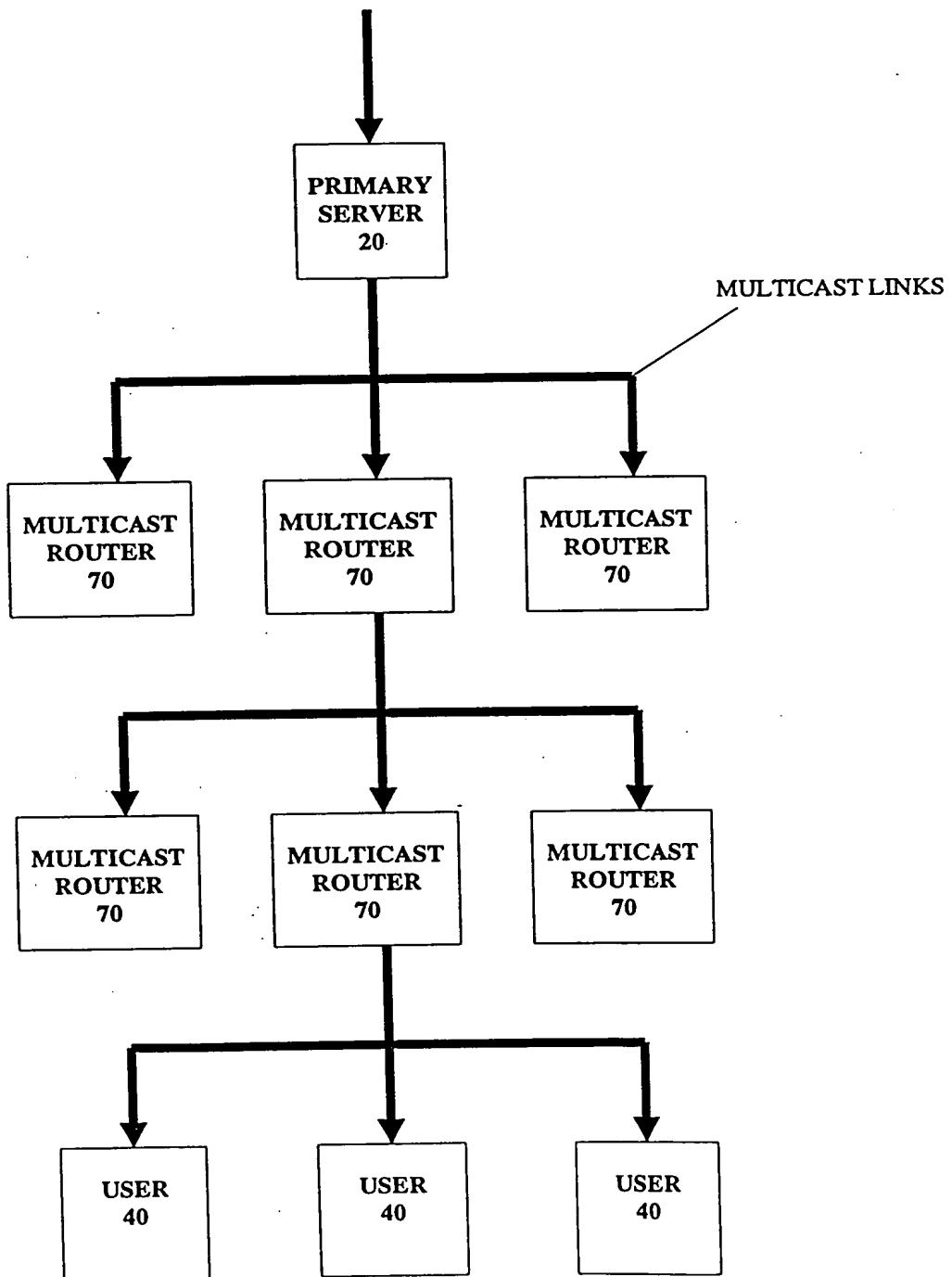
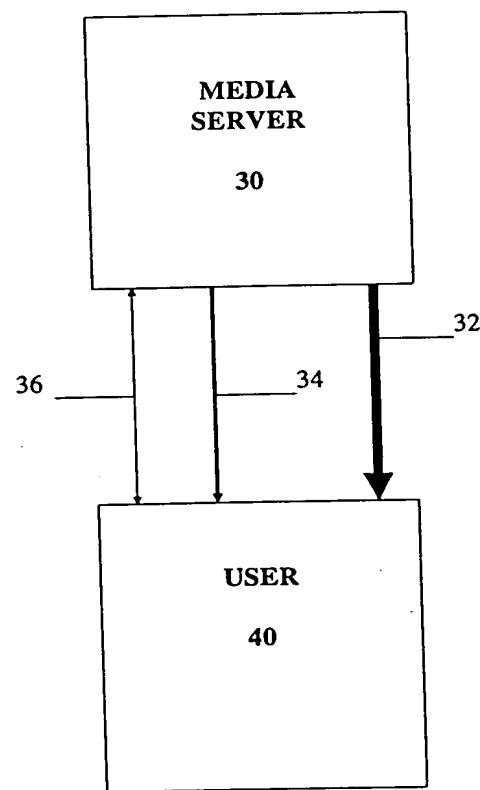


FIGURE 5



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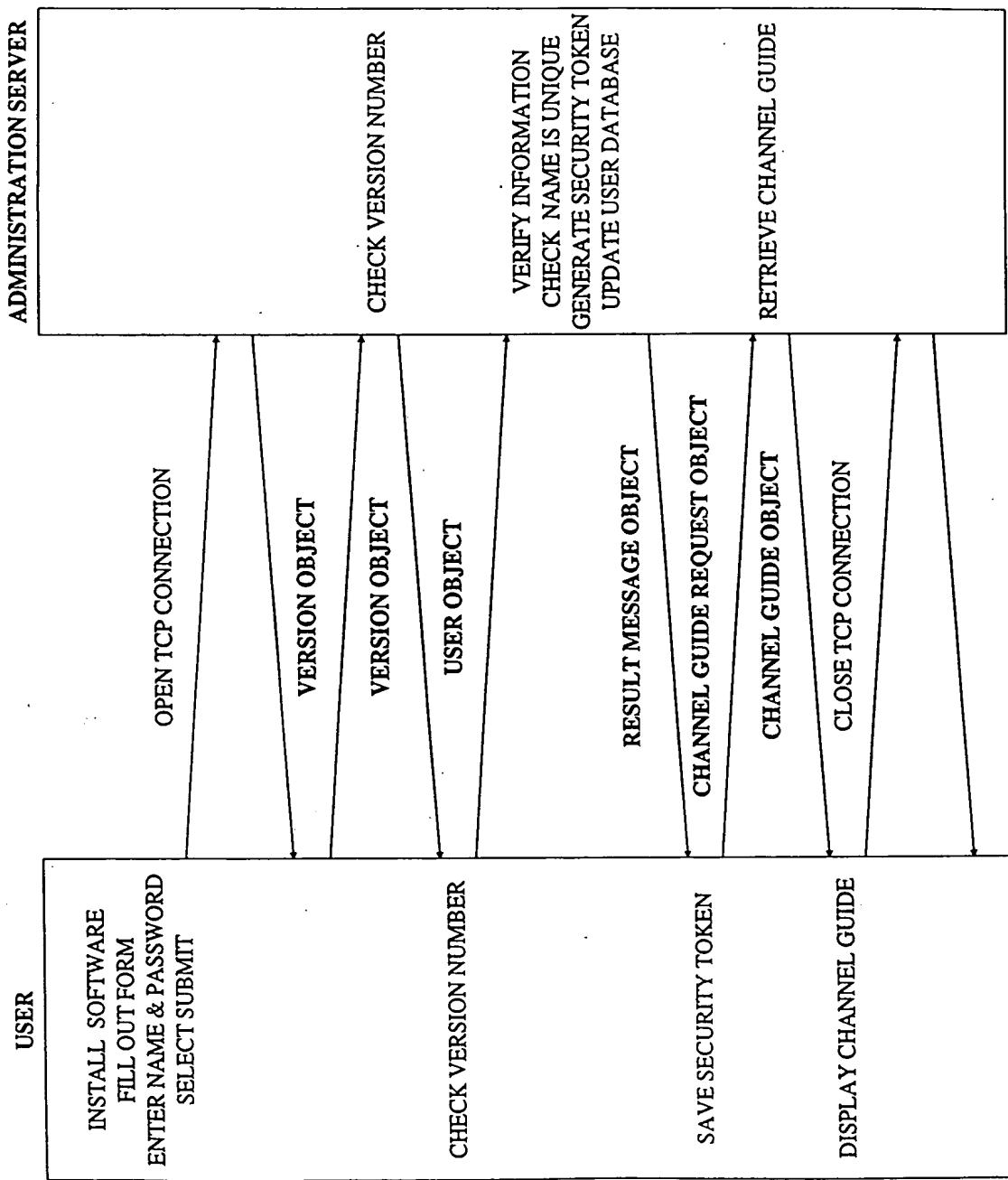


FIGURE 6

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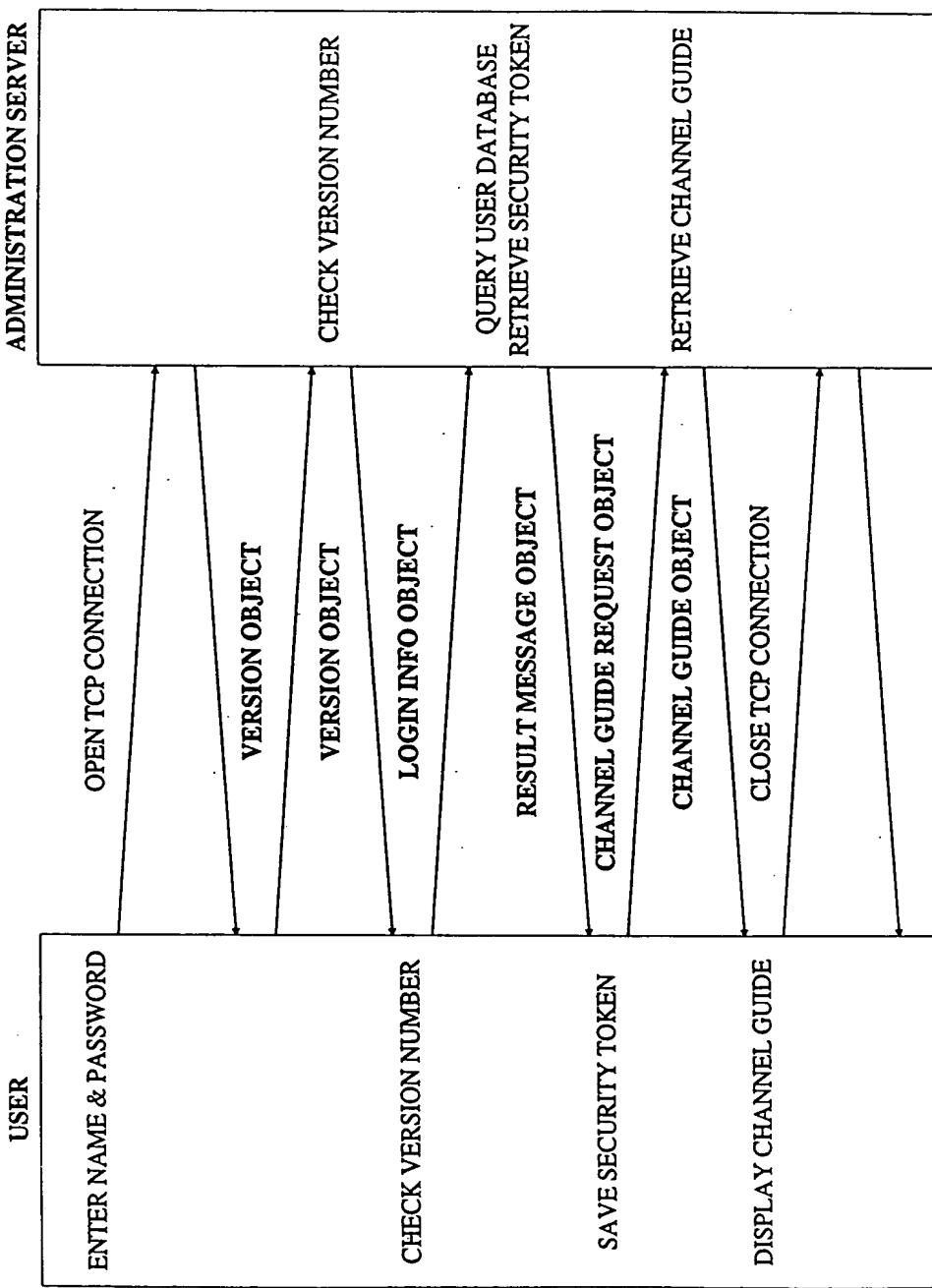
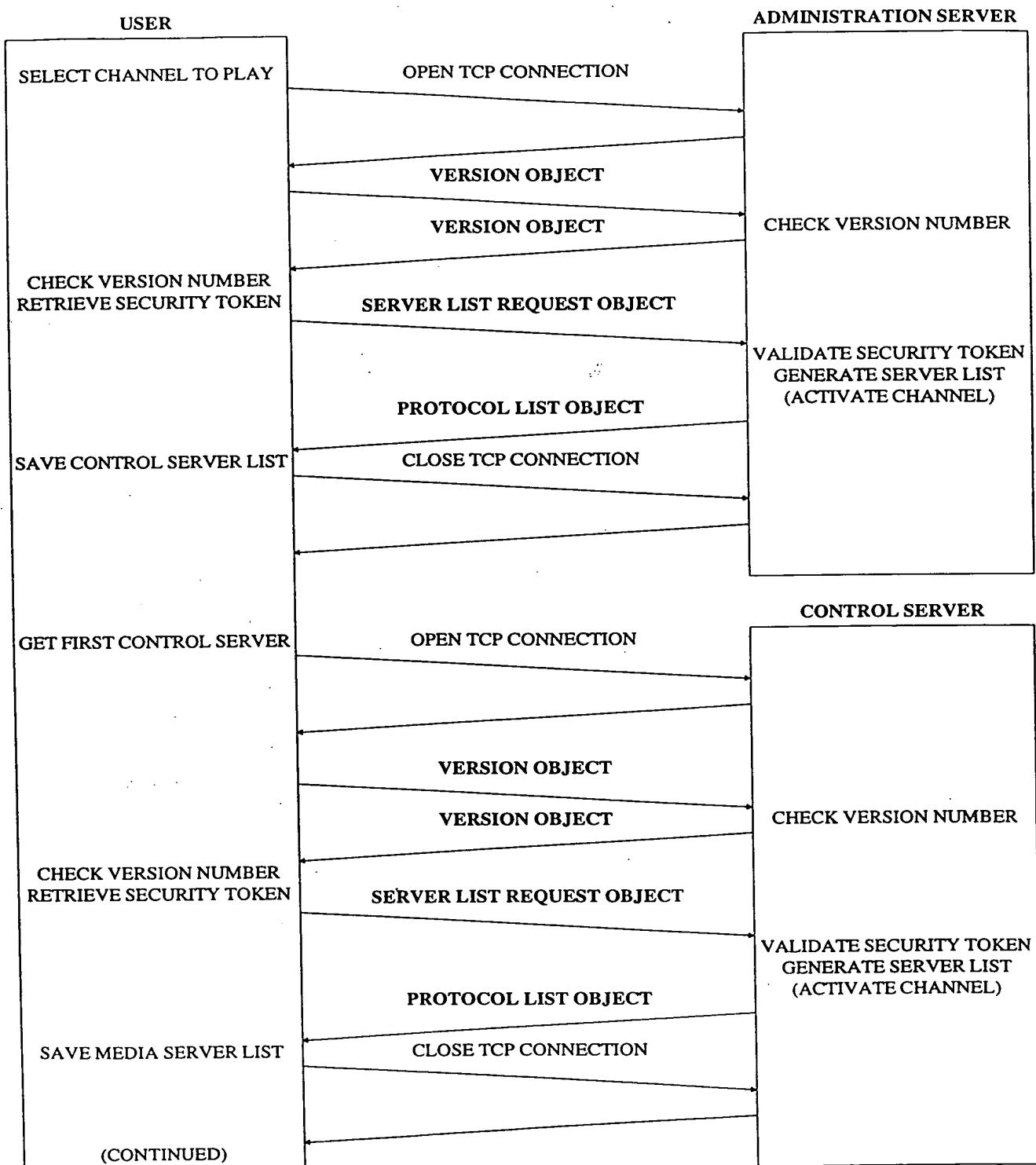


FIGURE 7

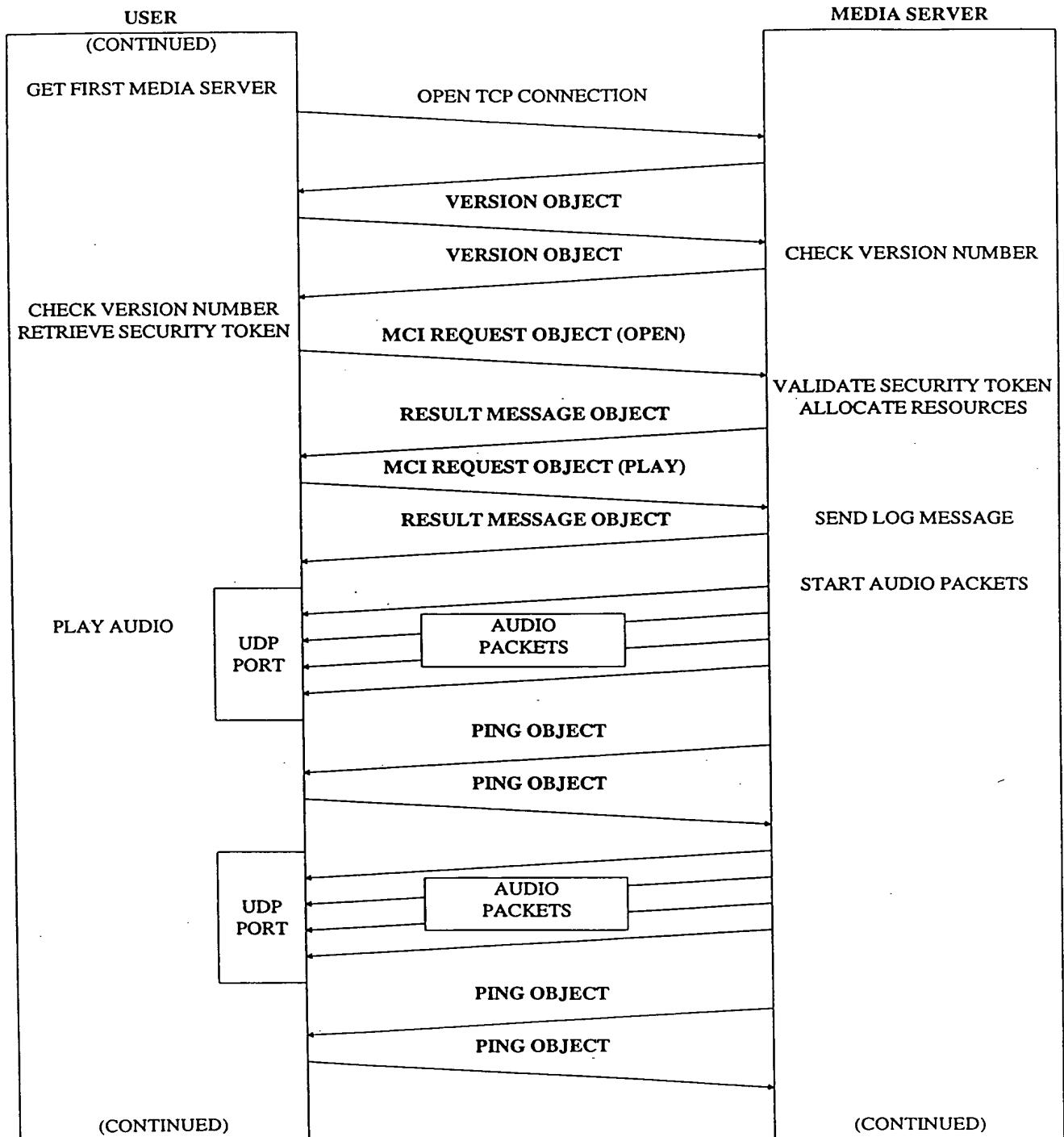
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FIGURE 8A



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FIGURE 8B



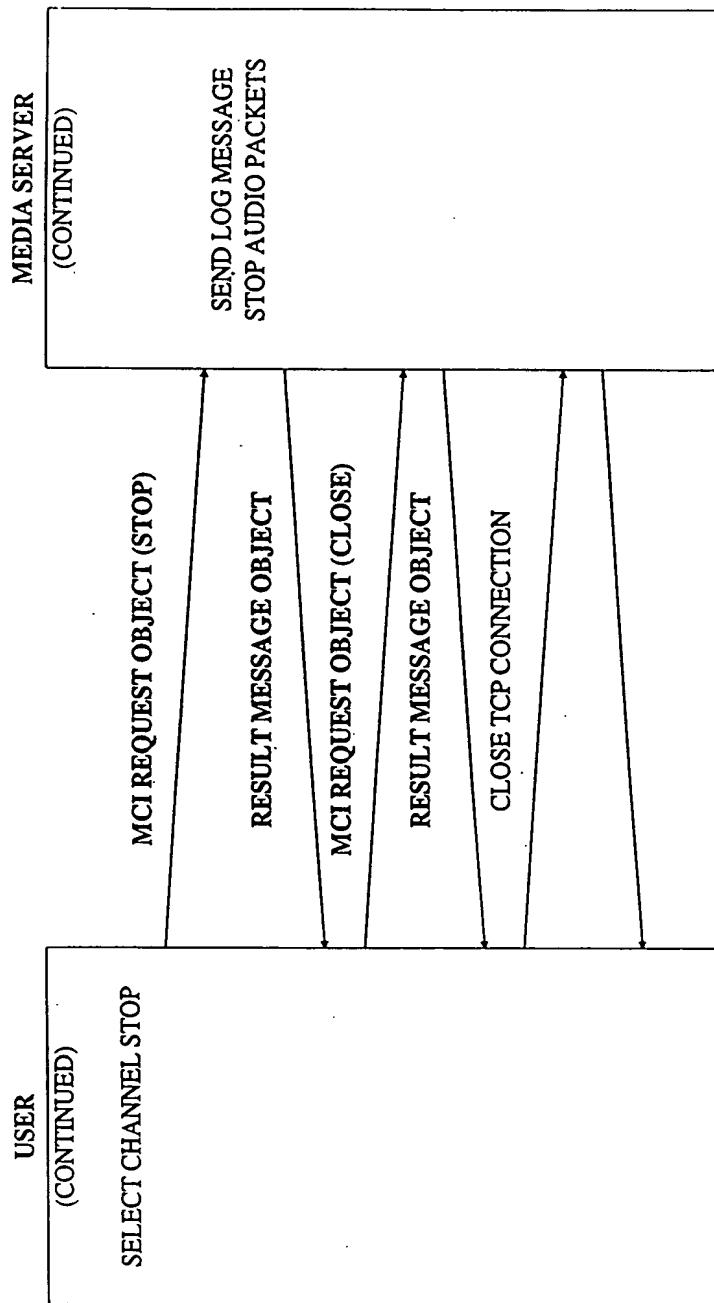


FIGURE 8C

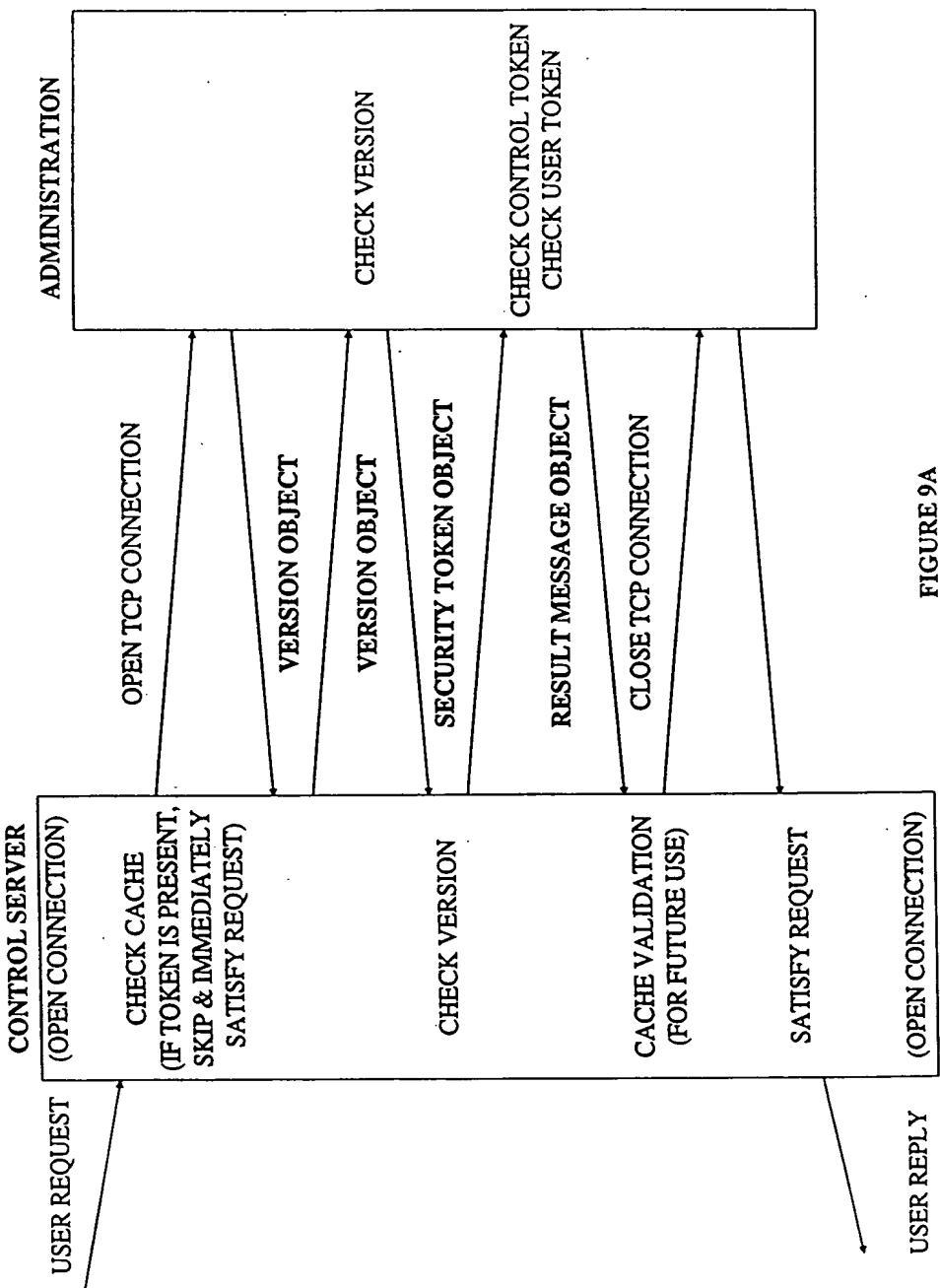


FIGURE 9A

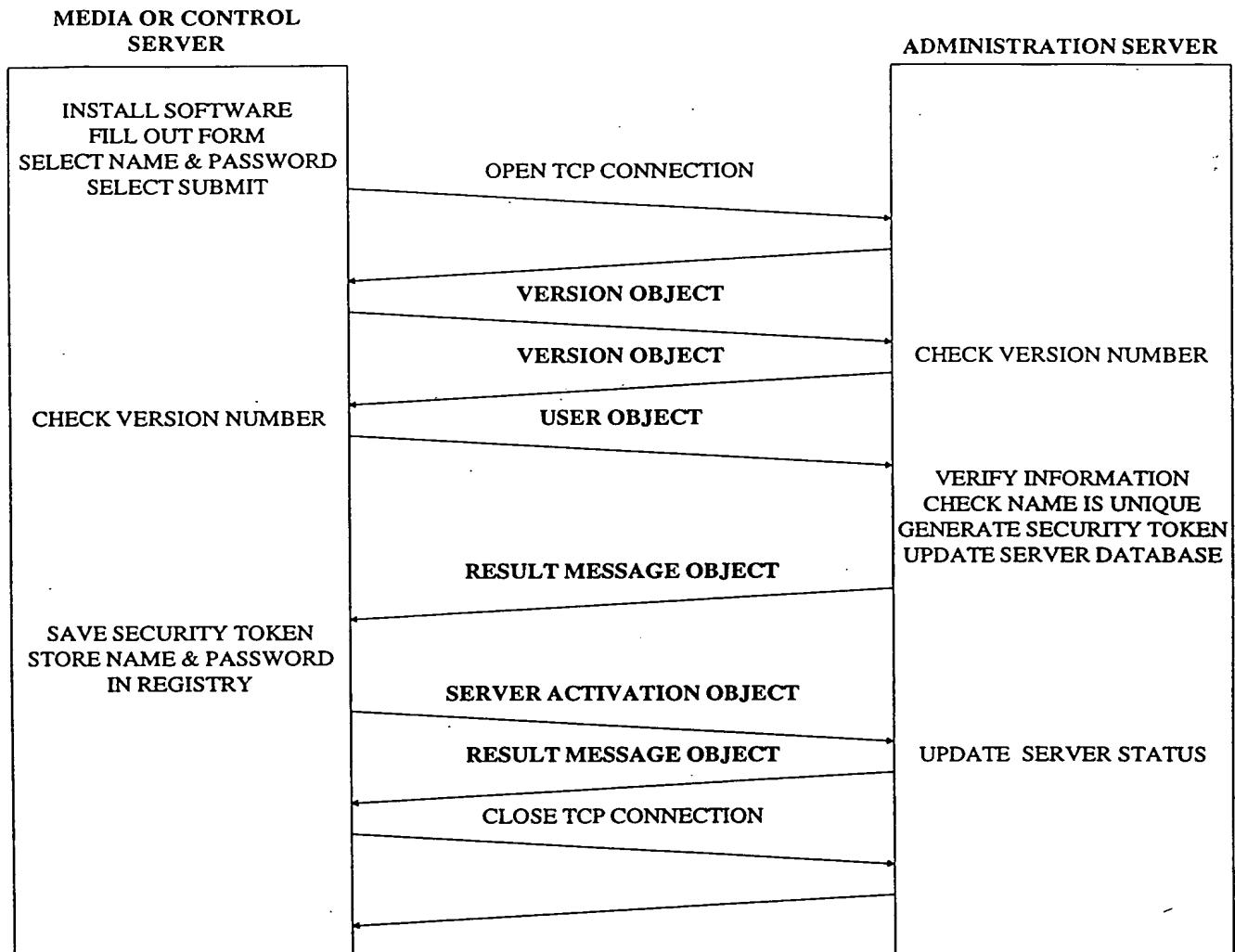
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FIGURE 9B

(SHOWN ABOVE)

REQUEST FROM	REQUEST TO	VALIDATION WITH
USER	CONTROL SERVER	ADMINISTRATION SERVER
USER	MEDIA SERVER	CONTROL SERVER
MEDIA SERVER	MEDIA SERVER	CONTROL SERVER
MEDIA SERVER	PRIMARY SERVER	ADMINISTRATION SERVER
MEDIA SERVER	CONTROL SERVER	ADMINISTRATION SERVER
CONTROL SERVER	MEDIA SERVER	ADMINISTRATION SERVER

FIGURE 10



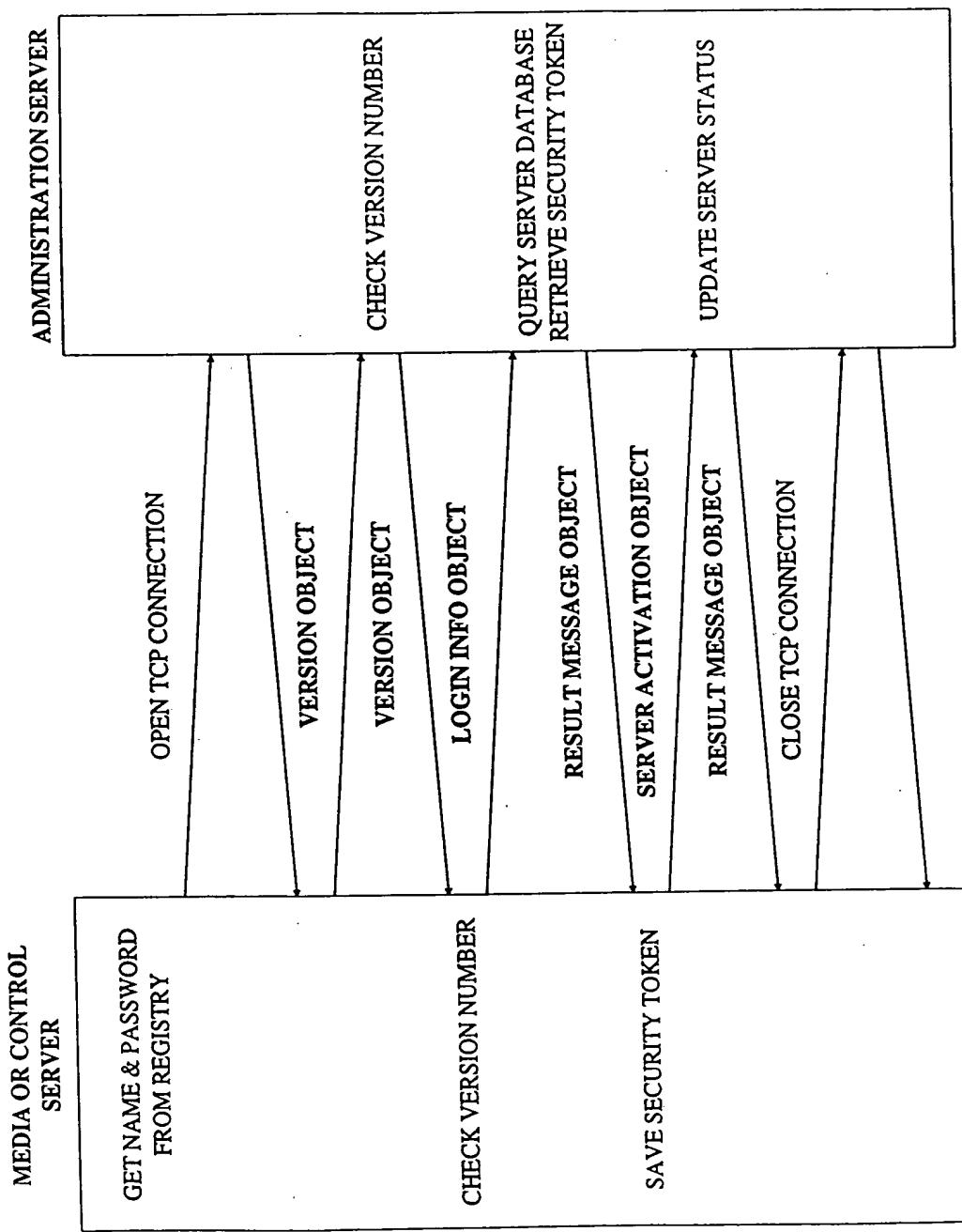


FIGURE 11

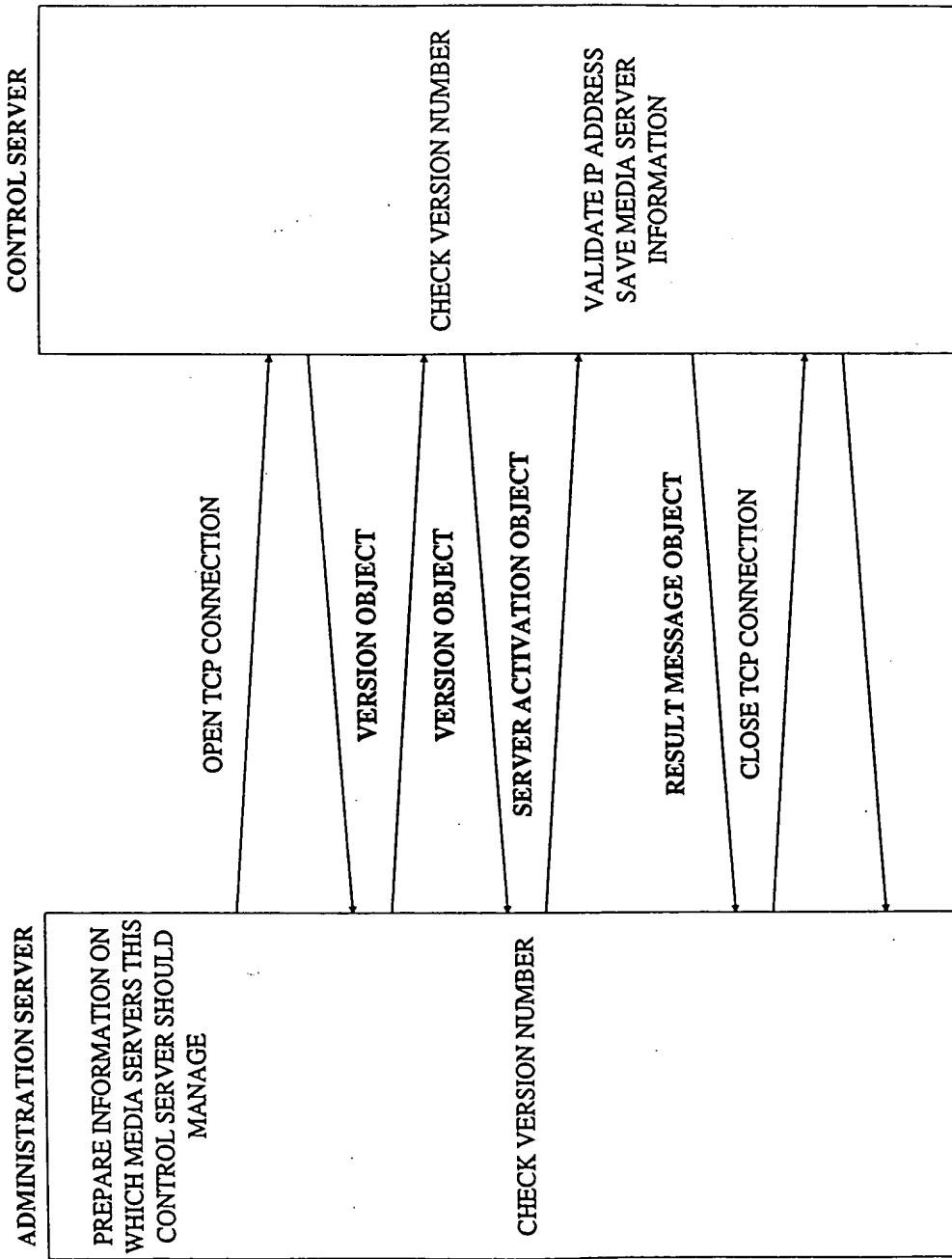


FIGURE 12

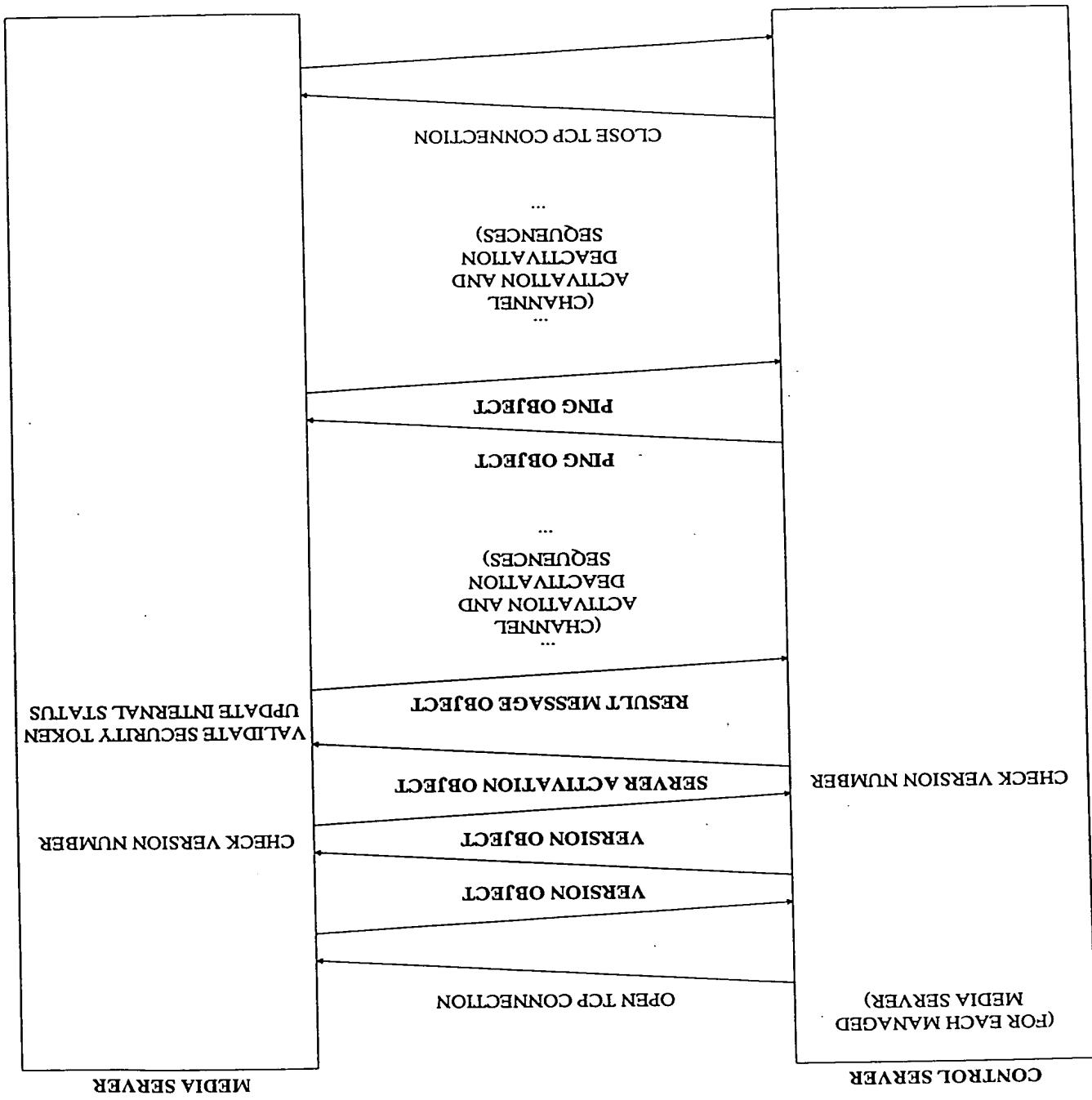


FIGURE 13

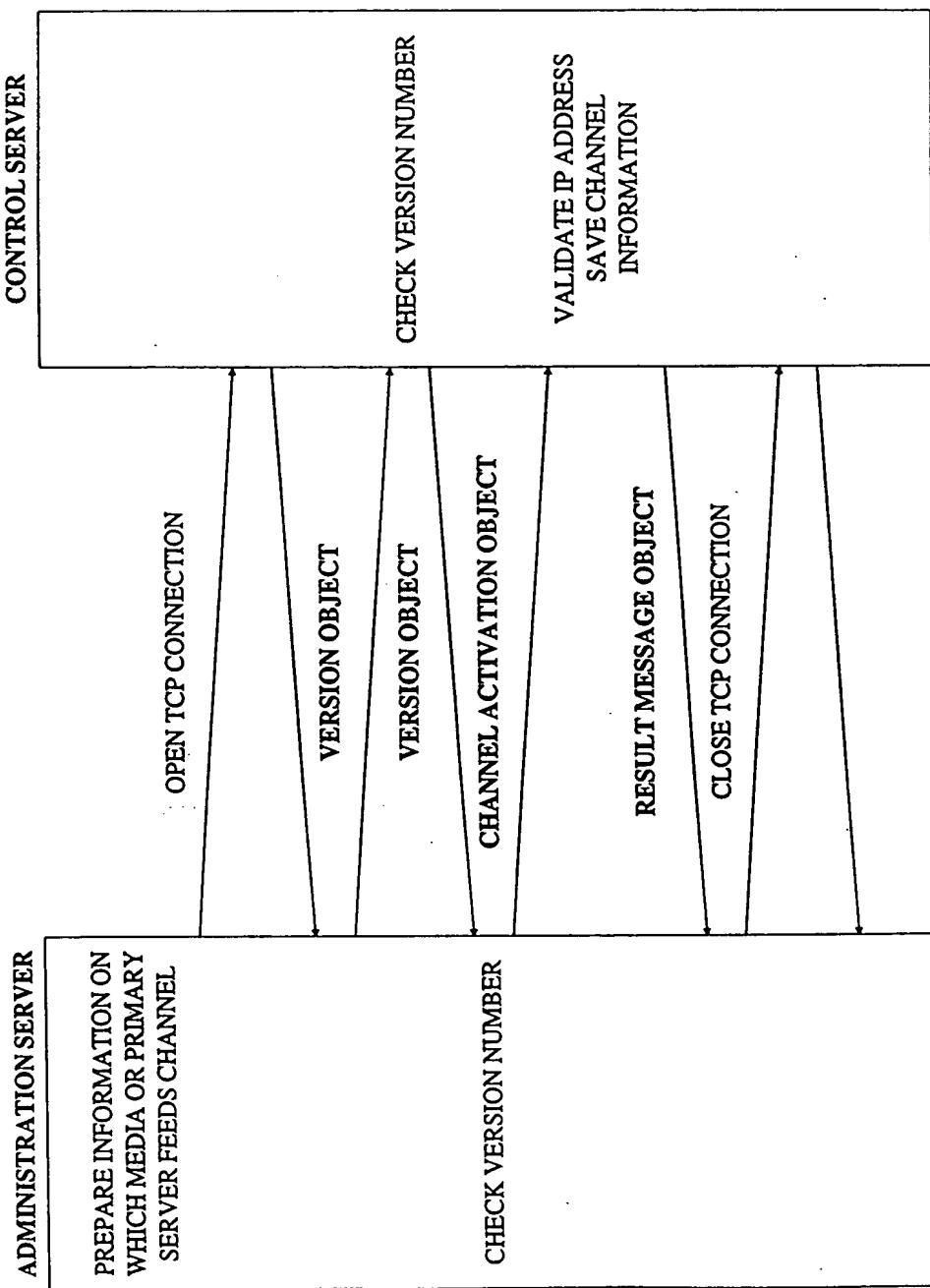


FIGURE 14

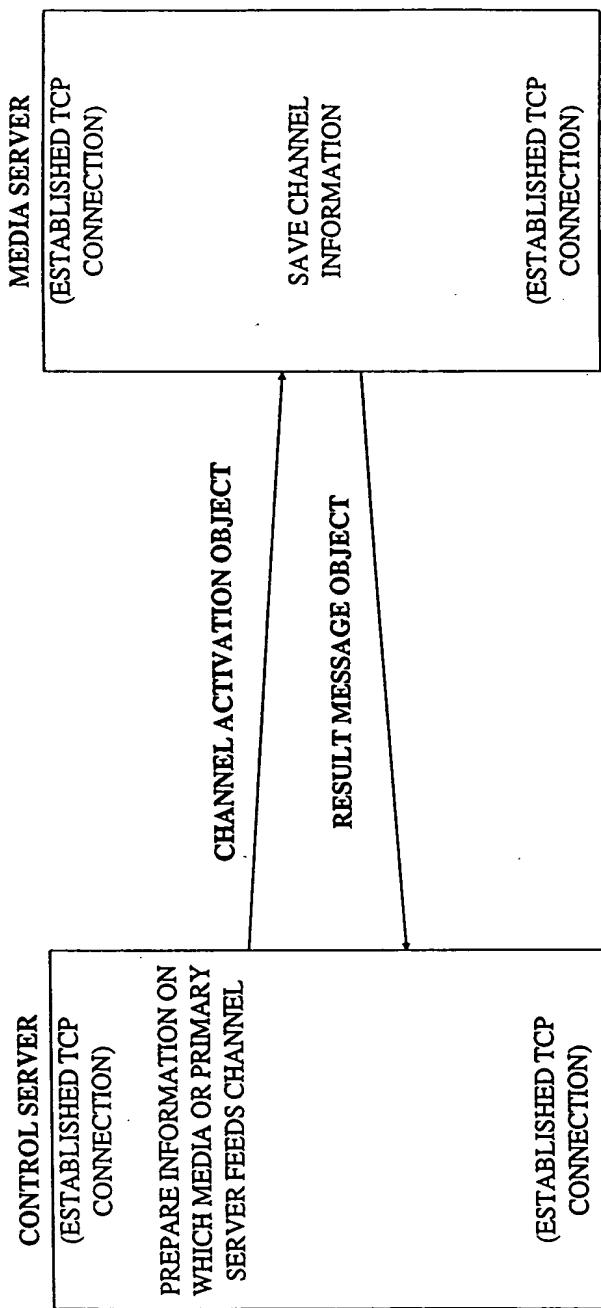
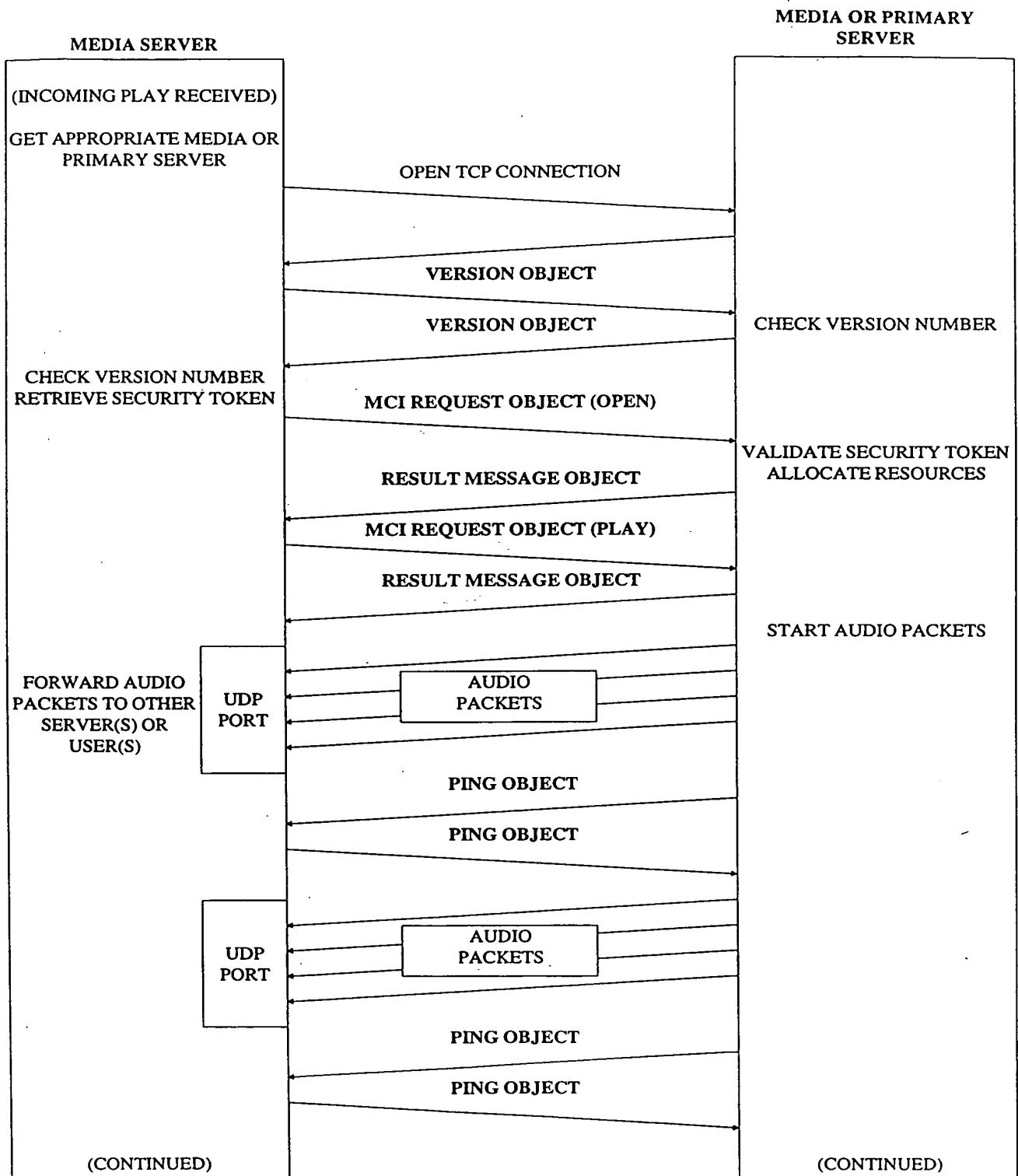


FIGURE 15

FIGURE 16A



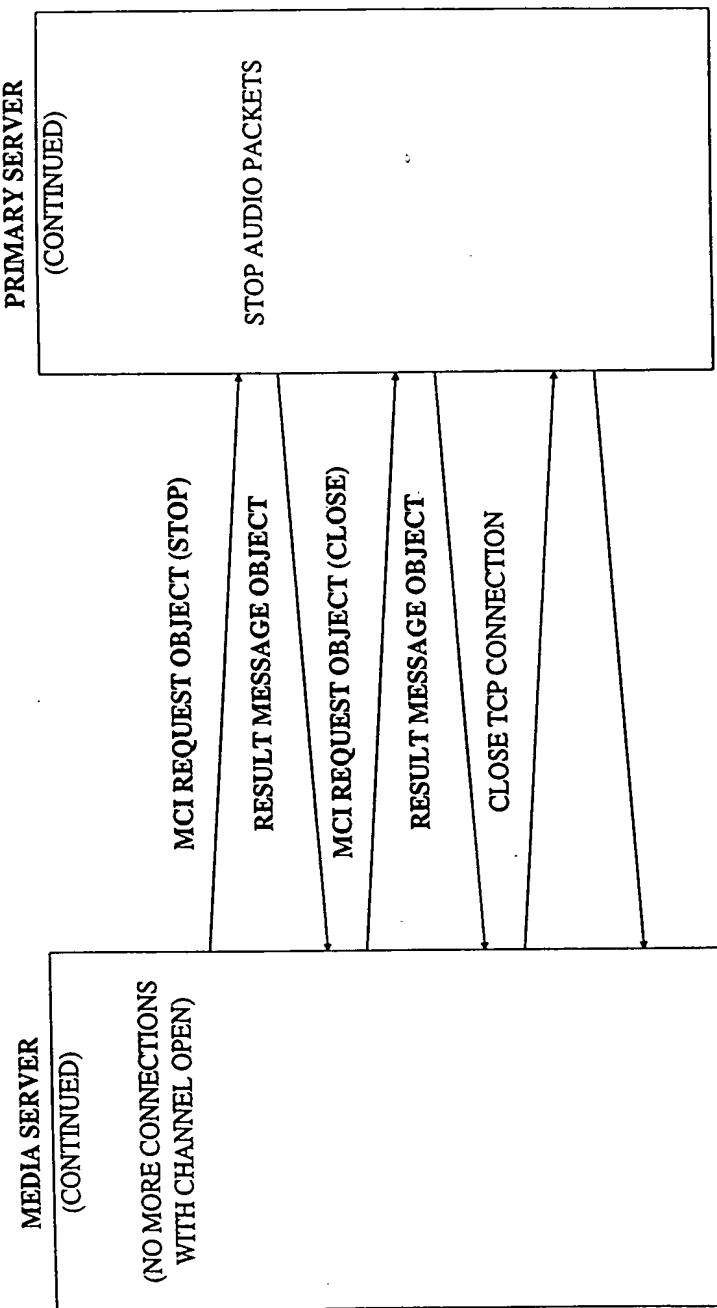


FIGURE 16B

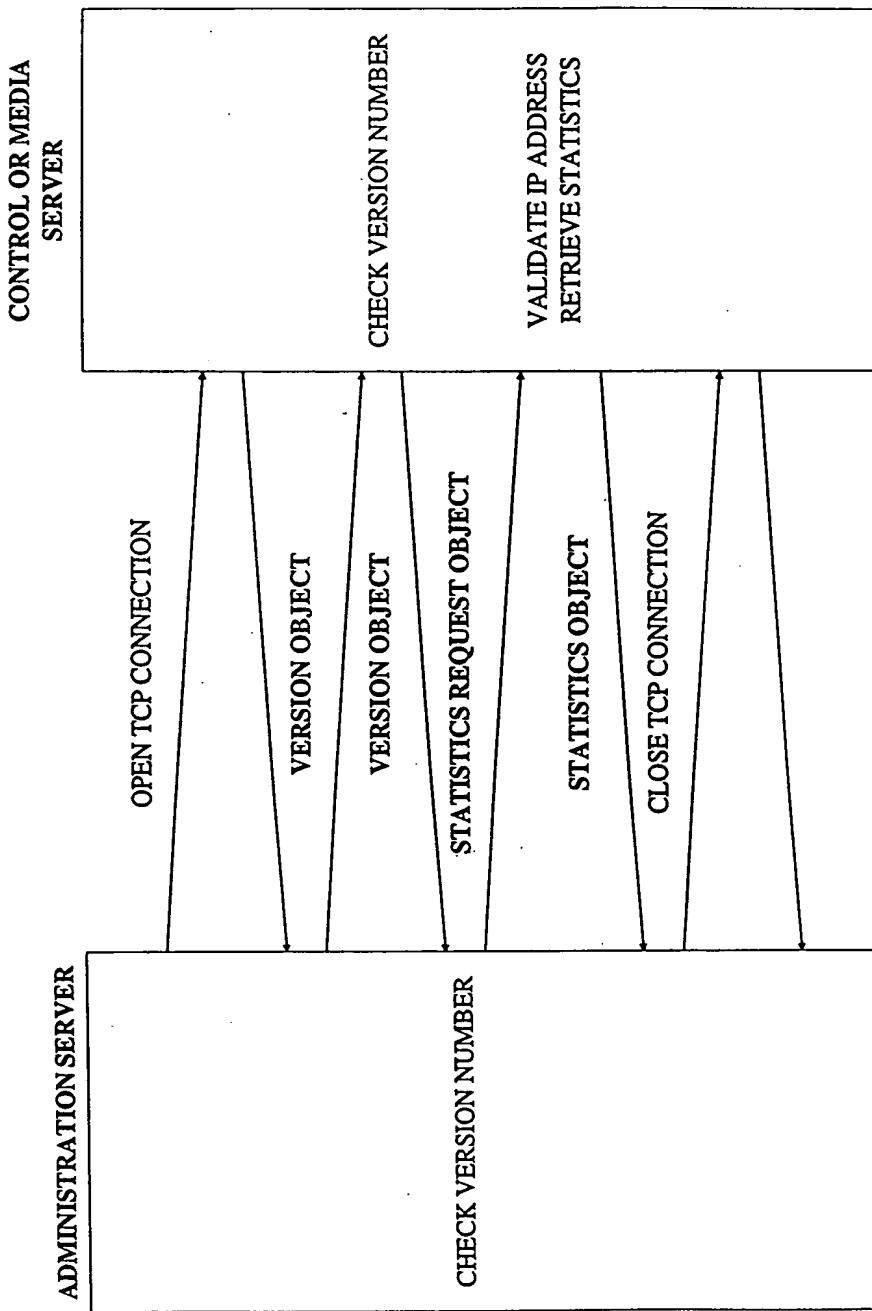


FIGURE 17

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FIG. 18

MAIN USER SCREEN

Netcast - Alternative Rock

File Edit Audio Content View Help

Netcast Channel Guide

- @ Netcast Channel Guide
 - @ Music
 - ... @ Alternative Rock
 - ... @ Classic Rock
 - ... @ College Rock
 - ... @ Cool Jazz
 - ... @ Hot Country
 - ... @ New Sounds
 - ... @ Today's Hits
 - @ Talk
 - ... @ One-on-One Sports
 - ... @ Entertainment & Issues
 - ... @ Politics '96
 - @ News
 - ... @ World Events
 - ... @ Business
 - @ Special Events
 - ... @ Live!Concert
 - ... @ Football-USC vs UM
 - ... @ Corporate Announcements

Coming Up on Alternative Rock...

In the next hour, you'll experience: Oasis, Gin Blossoms, Alanis Morissette, Jeff Buckley, Natalie Merchant

Today on Special Events...

Smashing Pumpkins Live! From La Cigale in Paris at 4pm EST.

After the concert you'll get to meet the band backstage and chat with them about the tour and their upcoming album. Only on Netcast!

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a whole new medium

what ①
who ②
FAQs ③
media kit ④

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<http://www.ncc.net>

For Help, press F1

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Figure 19
Key Pull-Down Menus on Main User Screen

